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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alan Gatherer, et al.

Docket No.: TI-30024

Serial No.: 09/772,499

Examiner: TBD

Filed: 01/29/2001

Art Unit: 2634

For: MAP Decoding With Parallelized Sliding  
Window Processing

Conf. No.: 1361

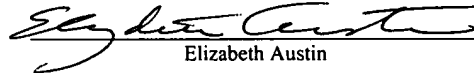
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
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MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)

I hereby certify that this correspondence is being deposited with the  
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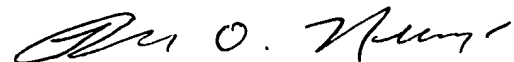
  
Elizabeth Austin

Dear Sir:

In response to the Search Report received from the European Patent Office (a copy of which is enclosed), Applicant wishes to bring to the attention of the U.S. Patents and Trademarks Office the information noted on the enclosed PTO-1449. Copies of the cited references are enclosed.

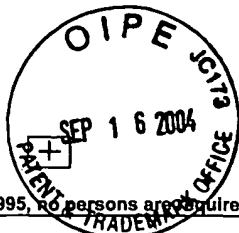
No fee is believed by Applicant to be due; however, the Commissioner is hereby authorized and requested to charge any necessary fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



Ronald O. Neerings  
Attorney for Applicants  
Reg. No. 34,227

Texas Instruments Incorporated  
P. O. Box 655474, MS 3999  
Dallas, Texas 75265  
(972) 917-5299



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PTO/SB/08A (08-00)

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<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	09/772,499
				Filing Date	01/29/2001
				First Named Inventor	Alan Gatherer, et al.
				Group Art Unit	2634
				Examiner Name	TBD
Sheet	1	of	2	Attorney Docket No.	TI-30024

U.S. PATENT DOCUMENTS						
Exam. Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
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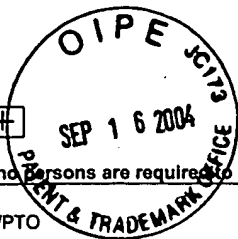
FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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				Filing Date	01/29/2001
				First Named Inventor	Alan Gatherer, et al.
				Group Art Unit	2634
				Examiner Name	TBD
Sheet	2	of	2	Attorney Docket No.	TI-30024

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	"Reconfigurable Signal Processor For Channel Coding and Decoding in Low SNR Wireless Communications", Halter, S., et al. Signal Processing Systems, 1998. SIPS 98. 1998 IEEE Workshop on Cambridge, MA, USA, 8-10 Oct. 1998, New York, NY, pp. 260-274, XP010303741, ISBN: 0-7803-4997-0	
	CB	"Soft-Output Decoding Algorithms in Iterative Decoding of Turbo Codes", Benedetto, S., et al., TDA Progress Report, February 1996, pp. 63-87, XP002932926	
	CC	"Fixed Point Implementation For Turbo Codes", Tri Ngo, Ingrid Verbauwhede, Article from the Internet, 'Online, 1999, XP002290784, Retrieved from the Internet: URL: www.ucop.edu/research/micro/98_99/98_161.pdf> 'retrieved on 2004-07-29	
	CD	"Optimal Decoding of Linear Codes for Minimizing Symbol Error Rate", Bahl, L.R., et al., March 1974, IEEE Transactions on Information theory, IEEE Inc. New York, US, pp. 284-287, XP000760833, ISSN: 0018-9448	
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